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OM protein - protein search, using sw model

Run on: June 25, 2003, 14:42:11 ; Search time 10.8031 Seconds
(without alignments)
283.251 Million cell updates/sec

Title: US-09-622-613B-11

Perfect score: 577
Sequence: 1 SDMLTFQKKHLTFRIVDCN.....TFVTCENQAPVHFVGVC 104

Scoring table: BIOSUM52
Gapop 10.0, Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA.*
1: /cgn2_6/ptodata/1/1aa/5A-COMB.pep.*
2: /cgn2_6/ptodata/1/1aa/5B-COMB.pep.*
3: /cgn2_6/ptodata/1/1aa/6A-COMB.pep.*
4: /cgn2_6/ptodata/1/1aa/6B-COMB.pep.*
5: /cgn2_6/ptodata/1/1aa/PCITUS-COMB.pep.*
6: /cgn2_6/ptodata/1/1aa/backfilest.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	556	96.4	104	1	US-08-467-955-2
2	555	96.2	112	3	US-08-875-811-32
3	555	96.2	251	3	US-08-875-811-59
4	555	96.2	254	3	US-08-875-811-61
5	555	96.2	355	3	US-08-875-811-49
6	555	96.2	355	3	US-08-875-811-57
7	555	96.2	355	3	US-08-875-811-54
8	555	96.2	366	3	US-08-875-811-55
9	551	95.5	104	1	US-08-283-971-1
10	551	95.5	104	1	US-07-921-619-1
11	551	95.5	104	1	US-08-467-955-1
12	551	95.5	104	2	US-08-891-848-13
13	551	95.5	104	3	US-08-875-811-1
14	551	95.5	104	4	US-09-394-268-1
15	551	95.5	104	4	US-09-071-672-1
16	551	95.5	105	4	US-09-687-748-1
17	551	95.5	105	3	US-08-875-811-39
18	551	95.5	106	3	US-08-875-811-28
19	551	95.5	107	3	US-08-875-811-30
20	551	95.5	129	3	US-08-875-811-63
21	551	95.5	355	3	US-08-875-811-41
22	551	95.5	358	3	US-08-875-811-51
23	551	95.5	379	3	US-08-875-811-43
24	550	95.3	105	3	US-08-875-811-26
25	546	94.6	105	3	US-08-875-811-24
26	546	94.6	358	3	US-08-875-811-45
27	546	94.6	365	3	US-08-875-811-53

28	543	94.1	104	4	US-09-394-268-2	Sequence 2, Appl
29	543	94.1	104	4	US-09-687-748-2	Sequence 2, Appl
30	531	92.0	107	3	US-08-875-811-20	Sequence 20, Appl
31	494	85.6	360	3	US-08-875-811-47	Sequence 47, Appl
32	484.5	84.0	111	3	US-08-875-811-22	Sequence 22, Appl
33	445	77.1	83	3	US-08-875-811-2	Sequence 2, Appl
34	445	77.1	83	4	US-071-672-3	Sequence 3, Appl
35	287	49.7	111	2	US-08-891-848-12	Sequence 12, Appl
36	287	49.7	111	3	US-08-875-811-8	Sequence 8, Appl
37	216.5	37.5	114	4	US-09-223-118-4	Sequence 4, Appl
38	204.5	35.4	114	4	US-09-223-118-2	Sequence 2, Appl
39	203.5	35.3	114	4	US-09-223-118-1	Sequence 1, Appl
40	201.5	34.9	114	4	US-09-223-118-3	Sequence 3, Appl
41	157.5	27.3	169	1	US-08-441-629-2	Sequence 2, Appl
42	157.5	27.3	169	3	US-08-776-207-2	Sequence 2, Appl
43	157.5	27.3	169	4	US-09-507-773-2	Sequence 2, Appl
44	157.5	27.3	169	5	PCT-US95-09172-2	Sequence 2, Appl
45	144	25.0	28	3	US-08-875-811-3	Sequence 3, Appl

ALIGNMENTS

RESULT 1
US-08-467-955-2
Sequence 2, Application US/08467955
Patent No. 5728805
GENERAL INFORMATION:
APPLICANT: Ardelt Ph.D. Wojciech J.
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.A.
STREET: P.O. Box E
CITY: Short Hills
STATE: New Jersey
COUNTRY: USA
ZIP: 07078-0383
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,955
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/814,332
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/283,970
FILING DATE: 01-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5007 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-912-9066
TELEFAX: 201-912-0442
TELEX: NO. 5728805 Applicable
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Oocyte
US-08-467-955-2

Query Match 96.4%; Score 556; DB 1; Length 104;
Best Local Similarity 97.1%; Pred. No. 1,7e-60;
Matches 100; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 DMLTFQKKHLTNTRDVDCNNIMSTNLFHCKDKNTFTYSRREPYKAICKGIASKNVLTTS 61
DB 2 DMLTFQKKHVTNTRDVDCNNIMSTNLFHCKDKNTFTYSRREPYKAICKGIASKNVLTTS 61
QY 62 EFYLSDCNVTSPCKYKLLKSTNFCVTCENAPVHFVGVGHC 104
DB 62 EFYLSDCNVTSPCKYKLLKSTNFCVTCENAPVHFVGVGRC 104

RESULT 2
US-08-875-811-32
Sequence 32, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Mlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/025588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 112 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-32

Query Match 96.2%; Score 555; DB 3; Length 112;
Best Local Similarity 96.2%; Pred. No. 2,5e-60;
Matches 100; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 SDMLTFQKKHLTNTRDVDCNNIMSTNLFHCKDKNTFTYSRREPYKAICKGIASKNVLTTS 60
DB 9 SDMLTFQKKHVTNTRDVDCNNIMSTNLFHCKDKNTFTYSRREPYKAICKGIASKNVLTTS 68
QY 61 SEFYLSDCNVTSPCKYKLLKSTNFCVTCENAPVHFVGVGHC 104
DB 69 SEFYLSDCNVTSPCKYKLLKSTNFCVTCENAPVHFVGVGSC 112

RESULT 3
US-08-875-811-59
Sequence 59, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Mlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/025588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 251 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-59

Query Match 96.2%; Score 555; DB 3; Length 251;
Best Local Similarity 96.2%; Pred. No. 7,1e-60;
Matches 100; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 SDMLTFQKKHLTNTRDVDCNNIMSTNLFHCKDKNTFTYSRREPYKAICKGIASKNVLTTS 60
DB 148 SDMLTFQKKHVTNTRDVDCNNIMSTNLFHCKDKNTFTYSRREPYKAICKGIASKNVLTTS 207
QY 61 SEFYLSDCNVTSPCKYKLLKSTNFCVTCENAPVHFVGVGHC 104
DB 208 SEFYLSDCNVTSPCKYKLLKSTNFCVTCENAPVHFVGVGSC 251

RESULT 4
US-08-875-811-61

Sequence 61, Application US/08875811
Patent No. 6045733
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 254 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-61

Query Match 96.2%; Score 555; DB 3; Length 254;
Best Local Similarity 96.2%; Pred. No. 7.2e-60;
Matches 100; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 SDMLTFQKKHLTNRDVCNINMSTNLFHCKDKNTFYSPPEPKATCKGIISKNVLT 60
DB 2 SDMLTFQKKHLTNRDVCNINMSTNLFHCKDKNTFYSPPEPKATCKGIISKNVLT 61

OY 61 SEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGHC 104
DB 62 SEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGSC 105

RESULT 5
US-08-875-811-49
Sequence 49, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-49

Query Match 96.2%; Score 555; DB 3; Length 355;
Best Local Similarity 96.2%; Pred. No. 1.1e-59;
Matches 100; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 SDMLTFQKKHLTNRDVCNINMSTNLFHCKDKNTFYSPPEPKATCKGIISKNVLT 60
DB 252 SDMLTFQKKHLTNRDVCNINMSTNLFHCKDKNTFYSPPEPKATCKGIISKNVLT 311

OY 61 SEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGHC 104
DB 312 SEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGSC 355

RESULT 6
US-08-875-811-57
Sequence 57, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-57

Query Match 96.2% Score 555; DB 3; Length 355;
Best Local Similarity 96.2% Pred. No. 1,1e-59;
Matches 100; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 SDMLTFQKHLLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPYKAICKGIASKNVLT 60
DB 2 SDMLTFQKHLLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPYKAICKGIASKNVLT 61
OY 61 SEFYLSDCNVTSRPCKYKLRKSTNFCVTCENQAPVHFVGSHC 104
DB 62 SEFYLSDCNVTSRPCKYKLRKSTNFCVTCENQAPVHFVGSHC 105

RESULT 7

US-08-875-811-64
Sequence 64, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: protein
LOCATION: 1..355
OTHER INFORMATION: /note="E6FB[met-(-1)]seronc"
US-08-875-811-64

Query Match 96.2% Score 555; DB 3; Length 355;
Best Local Similarity 96.2% Pred. No. 1,1e-59;
Matches 100; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 SDMLTFQKHLLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPYKAICKGIASKNVLT 60
DB 252 SDMLTFQKHLLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPYKAICKGIASKNVLT 311
OY 61 SEFYLSDCNVTSRPCKYKLRKSTNFCVTCENQAPVHFVGSHC 104
DB 312 SEFYLSDCNVTSRPCKYKLRKSTNFCVTCENQAPVHFVGSHC 355

RESULT 8

US-08-875-811-55
Sequence 55, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 356 amino acids
TYPE: amino acid
TOPOLOGY: linear

OY 62 EFYISDCNVTSPCKYKYLKSTNFCVTCENQAPVHFVGVGHC 104
DB 62 EFYISDCNVTSPCKYKYLKSTNFCVTCENQAPVHFVGVGSC 104

RESULT 11
US-08-467-955-1

Sequence 1, Application US/08467955
Patent No. 5728805
GENERAL INFORMATION:
APPLICANT: Ardelt Ph.D. Wojciech J.
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.A.
STREET: P.O. Box E
CITY: Short Hills
STATE: New Jersey
COUNTRY: USA
ZIP: 07078-0383
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,955
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/814,332
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/283,970
FILING DATE: 01-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5007 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-912-9066
TELEFAX: 201-912-0442
TELEX: No. 5728805 APPLICABLE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Oocyte
US-08-467-955-1

Query Match 95.5%; Score 551; DB 1; Length 104;
Best Local Similarity 96.1%; Pred. No. 6.9e-60;
Matches 99: Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 2 DMLTFQKKHLNTRDVCNNIMSTNLFHCKDKNTFIYSRPPVVAICGIIASKNVLTTS 61
DB 2 DMLTFQKKHLNTRDVCNNIMSTNLFHCKDKNTFIYSRPPVVAICGIIASKNVLTTS 61

OY 62 EFYISDCNVTSPCKYKYLKSTNFCVTCENQAPVHFVGVGHC 104
DB 62 EFYISDCNVTSPCKYKYLKSTNFCVTCENQAPVHFVGVGSC 104

RESULT 12
US-08-891-848-13

Sequence 13, Application US/08891848
Patent No. 5955073
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Youle, Richard J.
APPLICANT: Newton, Dianne L.
APPLICANT: Nicholas, Peter J.
TITLE OF INVENTION: Selective RNase Cytotoxic Reagents
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/891,848
FILING DATE: No. 5955073 yet assigned
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/125,462
FILING DATE: 22-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/014,082
FILING DATE: 04-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/779,195
FILING DATE: 22-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/510,696
FILING DATE: 20-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 015280-110310US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..104
OTHER INFORMATION: /label= Onc
OTHER INFORMATION: /note= "Oncogene from Rana pipiens"
US-08-891-848-13

Query Match 95.5%; Score 551; DB 2; Length 104;
Best Local Similarity 96.1%; Pred. No. 6.9e-60;
Matches 99: Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 2 DMLTFQKKHLNTRDVCNNIMSTNLFHCKDKNTFIYSRPPVVAICGIIASKNVLTTS 61
DB 2 DMLTFQKKHLNTRDVCNNIMSTNLFHCKDKNTFIYSRPPVVAICGIIASKNVLTTS 61

QY 62 EFYLSDCNVTSRPCKRYLKRSTNFCVTCENQAPVHFVGVC 104
Db 62 EFYLSDCNVTSRPCKRYLKRSTNFCVTCENQAPVHFVGVC 104

RESULT 13
US-08-875-811-1
Sequence 1, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Fybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Eoque, Luis
APPLICANT: Wlodaver, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/us97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-24410005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..104 /label=none
OTHER INFORMATION: /note="native ONCONASE (Registered
OTHER INFORMATION: Trademark) from Rana pipiens"
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note="Xaa = pyroglutamic acid"
US-08-875-811-1

Query Match 95.5% Score 551: DB 3: Length 104:
Best Local Similarity 96.1% Pred. No. 6.9e-60;
Matches 99: Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 DWLTFQKKHLTNTRDVCNNIMSTNLFHCKDKNTFTISRPEPKATICKGIASKNVLTTS 61
Db 2 DWLTFQKKHLTNTRDVCNNIMSTNLFHCKDKNTFTISRPEPKATICKGIASKNVLTTS 61
QY 62 EFYLSDCNVTSRPCKRYLKRSTNFCVTCENQAPVHFVGVC 104

Db 62 EFYLSDCNVTSRPCKRYLKRSTNFCVTCENQAPVHFVGVC 104

RESULT 14
US-09-394-268-1
Sequence 1, Application US/09394268
Patent No. 6175003
GENERAL INFORMATION:
APPLICANT: Saxena, Shalendra K.
TITLE OF INVENTION: NOCLEIC ACIDS ENCODING RIBONUCLEASES AND METHODS OF
FILE REFERENCE: 5013
CURRENT APPLICATION NUMBER: US/09/394,268
CURRENT FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 1
LENGTH: 104
TYPE: PRT
ORGANISM: Rana pipiens
US-09-394-268-1

Query Match 95.5% Score 551: DB 4: Length 104:
Best Local Similarity 96.1% Pred. No. 6.9e-60;
Matches 99: Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 DWLTFQKKHLTNTRDVCNNIMSTNLFHCKDKNTFTISRPEPKATICKGIASKNVLTTS 61
Db 2 DWLTFQKKHLTNTRDVCNNIMSTNLFHCKDKNTFTISRPEPKATICKGIASKNVLTTS 61
QY 62 EFYLSDCNVTSRPCKRYLKRSTNFCVTCENQAPVHFVGVC 104
Db 62 EFYLSDCNVTSRPCKRYLKRSTNFCVTCENQAPVHFVGVC 104

RESULT 15
US-09-071-672-1
Sequence 1, Application US/09071672
Patent No. 6395276
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Goldenberg, David M.
TITLE OF INVENTION: Immunotoxins Directed Against Malignant
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,672
FILING DATE: 01-MAY-1998
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/046,895
FILING DATE: 02-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 015280-3251005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "Xaa = Glu or pyroglutamic acid"
FEATURE:
NAME/KEY: Protein
LOCATION: 1..104
OTHER INFORMATION: /note= "RNase A derived from
OTHER INFORMATION: Rana pipiens, "onc protein"
US-09-071-672-1

Query Match 95.5%; Score 551; DB 4; Length 104;
Best Local Similarity 96.1%; Pred. No. 6,9e-60;
Matches 99; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY	2	DWLTFOKKHLTNTRDVCNNINISTNLFHCKDKNTFIYSRPEPYKAICKGIASKNVLTTS	61
Db	2	DWLTFOKKHLTNTRDVCNNINISTNLFHCKDKNTFIYSRPEPYKAICKGIASKNVLTTS	61
QY	62	EFYLSDCNVTSRPCKTKLKSTNTFCVTCENQAPVHFGVGHG	104
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Search completed: June 25, 2003, 15:00:16
Job time: 10.8031 secs